





PTO/SB/08A (07-05)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Complete if Known**

Application Number	10/616,124
Filing Date	July 8, 2003
First Named Inventor	Marvin T. Ling
Art Unit	3624
Examiner Name	Ella Colbert
Attorney Docket Number	GTX-005

Sheet 3 of 7

## U. S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

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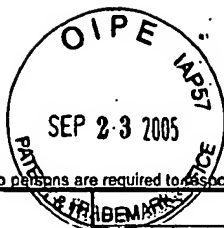
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Signature**

Date	Considered
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EC		"RocketCash-How It Works-FAQs," RocketCash LLC, URL: <a href="http://www.rocketcash.com/howitworks/index.php?page=frequently_asked_questions">http://www.rocketcash.com/howitworks/index.php?page=frequently_asked_questions</a> , printed March 1, 2002	
		Lerner, Eric J., "Security Makes 'Net Gains," IBM Think Research, URL: <a href="http://domino.research.ibm.com/comm/www_thinkresearch.nsf/pages/security196.html">http://domino.research.ibm.com/comm/www_thinkresearch.nsf/pages/security196.html</a> , printed November 1, 2001	
		"QPASS Commerce Solutions for Wireless Carriers," Qpass, Inc. URL: <a href="http://www.qpass.com/default.asp?pid=wirelesscarriersolution">http://www.qpass.com/default.asp?pid=wirelesscarriersolution</a> ; <a href="http://www.qpass.com/default.asp?pid=products">http://www.qpass.com/default.asp?pid=products</a> , and <a href="http://www.qpass.com/default.asp?pid=customerspartners">http://www.qpass.com/default.asp?pid=customerspartners</a> , printed October 17, 2001	
		Pepe, Michele, "Start-Up Expands Payments Options," CRN August 2000, URL: <a href="http://www.enition.com/press/content_3.htm">http://www.enition.com/press/content_3.htm</a> , printed October 17, 2001	
		Tapscott, Don, "Giving a Lift to Micropayments," Computerworld, December 2000, URL: <a href="http://www.computerworld.com/cwi/story/0,1199,NAV47-68-86-1721_STO55261,00.html">http://www.computerworld.com/cwi/story/0,1199,NAV47-68-86-1721_STO55261,00.html</a> , printed October 17, 2001	
		Boucher Ferguson, Renee, "Pay-as-you-go transactions," eWEEK November 2000, URL: <a href="http://techupdate.zdnet.com/techupdate/stories/main/0,14179,2657472,00.00.html">http://techupdate.zdnet.com/techupdate/stories/main/0,14179,2657472,00.00.html</a> , printed October 17, 2001	
		Tapscott, Don, "The Web doesn't have to shut out the 'small stuff'" Computerworld, Inc. November 2000, URL: <a href="http://www.computerworld.com/cwi/story/0,1199,NAV47-81_STO54155,00.html">http://www.computerworld.com/cwi/story/0,1199,NAV47-81_STO54155,00.html</a> , printed October 17, 2001	
		Bedell, Doug, "Pay-per-click micropayments may become the norm on the Net," The Dallas Mornings News (11/19/00) URL: <a href="http://www.dallasnews.com/technology/218421_micropayments_.html">http://www.dallasnews.com/technology/218421_micropayments_.html</a> , printed November 1, 2001	
		"Clickshare: Connecting customers with content," Clickshare Service Corp. (10/17/01) URL: <a href="http://www.clickshare.com/aboutus/">http://www.clickshare.com/aboutus/</a> , printed October 17, 2001	
EC		Huijskens, Jean-Marc, "cartio Micropayments Whitepaper," Net.Actuals B.V., May 2001	

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Art Unit	3624
Examiner Name	Ella Colbert
Attorney Docket Number	GTX-005

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EC		"The Magex Solution FAQs," Magex Limited 2000, URL: <a href="http://www.magex.com/magexsolution/overview/faqs/asp">http://www.magex.com/magexsolution/overview/faqs/asp</a> . Printed October 17, 2001	
		Michael Peirce, "Payment mechanisms designed for the Internet," URL: <a href="http://ganges.cs.tcd.ie/mepeirce/Project/ointernet.html">http://ganges.cs.tcd.ie/mepeirce/Project/ointernet.html</a> , printed October 23, 2000	
		"A plan for the introduction of internet cash," URL: <a href="http://www.jim.com/jamesd/kong/plan.htm">http://www.jim.com/jamesd/kong/plan.htm</a> , printed October 20, 2000	
		"Micropayment Methods," URL: <a href="http://www.transaction.net/payment/micro.html">http://www.transaction.net/payment/micro.html</a> , printed October 20, 2000	
		Michael Peirce and Donal O'Mahony, "Scaleable, Secure Cash Payment for WWW Resources with the PayMe Protocol Set," URL: <a href="http://ganges.cs.tcd.ie/mepeirce/Project/Payme/Overview.html">http://ganges.cs.tcd.ie/mepeirce/Project/Payme/Overview.html</a> , printed October 23, 2000	
		"Internet Dollar is the money of the Internet," Internet Dollar LTD., URL: <a href="http://www.internetdollar.com">http://www.internetdollar.com</a> , printed October 20, 2000	
		"What is eCoin micropayment system?" eCoin Incorporated, URL: <a href="http://www.ecoin.net">http://www.ecoin.net</a> , printed October 20, 2000	
		"Small change: Micropayment," Computerworld 2000, URL: <a href="http://www2.computerworld.com/home/features.nsf/All/980223micropaylinks">http://www2.computerworld.com/home/features.nsf/All/980223micropaylinks</a> , printed October 23, 2000	
		"Network payment mechanisms & digital cash," URL: <a href="http://inf2.pira.co.uk/top033.htm">http://inf2.pira.co.uk/top033.htm</a> , last updated 6 July 2000, printed October 20, 2000	
EC		"Common markup for micropayment per-fee-links," WC3 Final Public Working Draft of 25 August 1999, URL: <a href="http://www.w3.org/TRWD-Micropayment-Markup/">http://www.w3.org/TRWD-Micropayment-Markup/</a> , printed October 16, 2001	

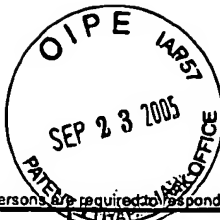
Examiner Signature	<i>E. Colbert</i>	Date Considered	9-30-05
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Application Number 10/616,124

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First Named Inventor Marvin T. Ling

Art Unit 3624

Examiner Name Ella Colbert

Attorney Docket Number GTX-005

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AC		"Common markup for Ecash per-fee-links," Ecash.com adapted version of WC3 working draft of 25 August 19, URL: <a href="http://www.ecash.com/MicroPayment/micropayment.htm">http://www.ecash.com/MicroPayment/micropayment.htm</a> , printed September 28, 2001	
		"Transmedia Europe, Inc. and ...announce the acquisition on Silicon Valley Internet.....," PR Newswire, July 16, 1998	
		Bellare, M. et al, "Variety Cash: a Multi-purpose Electronic Payment System," Proc. Third Usenix Workshop on Electronic Commerce, Extended Abstract, June 1998	
		Neilsen, J., "The Case for Micropayments," useit.com (Alertbox Jan. 1998), URL: <a href="http://www.useit.com/alertbox/980125.html">http://www.useit.com/alertbox/980125.html</a> , printed October 23, 2001	
		"Wave Systems and IBM to Collaborate on Technology for Accessing Digital Content," Bus. Wire, December 18, 1997	
		Cohen, Warren, "Online malls move closer to home," U.S. News & World Report, vol. 123, no. 21, p. 86, December 01, 1997	
		Manasse, Mark, "The MilliCent Microcommerce System," DIGITAL Systems Research Center Technical Presentation, July 1997, URL: <a href="http://www.millicent.digital.com/works/details/presentations.html">http://www.millicent.digital.com/works/details/presentations.html</a>	
		O'Mahony, D. et al., "Electronic Payment Systems," The Artech House Computer Science Library, June 13, 1997	
		Rafael Hirschfeld (Ed.). "FC '97 Papers," In Proceedings First Int'l Conference on Financial Cryptography, February 1997, URL: <a href="http://www.arraydev.com/commerce/jibc/9704-30.htm">http://www.arraydev.com/commerce/jibc/9704-30.htm</a>	
AC		Kosiur, Dave, "Buying Data bit by bit with Microcash: new technology lets Internet users pay as they go," PC Week, vol. 13, no. 34, August 26, 1996	

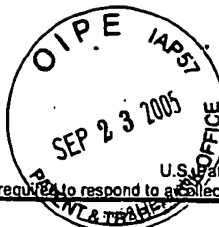
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EC		"The MilliCent Protocols for Inexpensive Electronic Commerce," In Published Proc. First USENIX Workshop on Electronic Commerce, July 195, URL: <a href="http://www.millicent.digital.com/works/details/papers/millicent-w3c4/millicent.html">http://www.millicent.digital.com/works/details/papers/millicent-w3c4/millicent.html</a> , printed 10/25/01	
		"The MilliCent Protocols for Electronic Commerce," In Published Proc. First USENIX Workshop on Electronic Commerce, July 195, URL: <a href="http://www.millicent.digital.com/works/details/papers/mcentny.htm">http://www.millicent.digital.com/works/details/papers/mcentny.htm</a> , printed October 25, 2001	
		Neuman, B. et al., "Requirements for Network Payment: The NetCheque™ Perspective," In Proceedings of IEEE Compcon'95, San Francisco, U.S.A., March 1995	
		Medvinsky, Gennady, "NetCash: A design for practical electronic currency on the Internet," In Proceedings of the First ACM Conference on Computer and Communications Security, November 1993	
		"Payment mechanisms designed for the Internet," printed from the Internet at <a href="http://ganges.cs.tcd.ie/mepeirce/Project/oninternet.html">http://ganges.cs.tcd.ie/mepeirce/Project/oninternet.html</a> , On October 23, 2000	
		"FC '97 Papers," Rafael Hirschfeld (Ed.), February 1997, printed from the Internet at <a href="http://www.arraydev.com/commerce.jibc.9704-30.htm">http://www.arraydev.com/commerce.jibc.9704-30.htm</a> , on October 20, 2000	
		"Networked payment mechanisms & digital cash," printed from the Internet at <a href="http://inf2.pira.co.uk/top033.htm">http://inf2.pira.co.uk/top033.htm</a> , on October 20, 2000	
		"Scaleable, Secure Cash Payment for WWW Resources with the PayMe Protocol Set," printed from the Internet at <a href="http://ganges.cs.tcd.ie/mepeirce/Project/Payme/Overview.html">http://ganges.cs.tcd.ie/mepeirce/Project/Payme/Overview.html</a> on October 23, 2000	
EC		Rodriquez, Karen, "Toolkit Secures Internet Transactions," InfoWorld, col. 17, no. 8, p. 10, February 20, 1995	

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